

# Cache entry error-correcting code (ECC) based at least on cache entry data and memory address

## Abstract of Disclosure

Determining an error-correcting code (ECC) for a cache entry based at least on the data stored in the cache entry and the memory address at which the data is permanently stored is disclosed. A cache entry for a desired memory address is retrieved. The cache entry includes data and a stored ECC based on the data and a memory address. An ECC is determined based at least on the data of the cache entry and the desired memory address. If the ECC at least based on the cache entry data and the desired memory address equals the stored ECC, then the cache entry caches the desired memory address without error.

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## Figures

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